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APPLICATION NO.	FILING I	DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/936,683	11/30/2001		Kazuyuki Tadatomo	213578 8963	
23460	0 7590 08/10/2004			EXAMINER	
LEYDIG VO	OIT & MAYI	ER, LTD	ERDEM, FAZLI		
TWO PRUDE	ENTIAL PLAZ	ZA, SUITE 490	0		
	STETSON AV		ART UNIT	PAPER NUMBER	
CHICAGO, IL 60601-6780				2826	

DATE MAILED: 08/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	T	m
	Application No.	Applicant(s)
Office Assists Commence	09/936,683	TADATOMO ET AL.
Office Action Summary	Examiner	Art Unit
TI. MAN NO DATE CHI	Fazli Erdem	2826
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the t	correspondence address
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be tir within the statutory minimum of thirty (30) day vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	nely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).
Status		
 1) Responsive to communication(s) filed on 14 Ma 2a) This action is FINAL. 2b) This 3) Since this application is in condition for allowant closed in accordance with the practice under E 	action is non-final. nce except for formal matters, pro	
Disposition of Claims		
4) ☐ Claim(s) 22-35 is/are pending in the application 4a) Of the above claim(s) is/are withdraw 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 22,24,25,30 and 32 is/are rejected. 7) ☐ Claim(s) 23,26-29,31 and 33-35 is/are objected 8) ☐ Claim(s) are subject to restriction and/or	vn from consideration.	
Application Papers		
9) The specification is objected to by the Examiner 10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the of Replacement drawing sheet(s) including the correction of the original transformation is objected to by the Examiner	epted or b) objected to by the drawing(s) be held in abeyance. Section is required if the drawing(s) is object.	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori application from the International Bureau * See the attached detailed Office action for a list of	s have been received. s have been received in Applicati ity documents have been receive I (PCT Rule 17.2(a)).	on No ed in this National Stage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	4)	
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 5/14/04.		atent Application (PTO-152)

Application/Control Number: 09/936,683

Art Unit: 2826

DETAILED ACTION

Allowable Subject Matter

1. Claims 23, 26-29, 31, 33-35 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Double Patenting

2. Claims 22, 24, 25, 30 and 32 provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1, 10 and 11 of copending Application No. 10/380,933 Although the conflicting claims are not identical, they are not patentably distinct from each other because they both claim a semiconductor base comprising a substrate and a semiconductor crystal grown by vapor phase growth on the substrate where the substrate has a crystal growth plane having a concavo-convex surface and the semiconductor crystal has been grown from the concave and/or convex part, where the semiconductor substrate is a crystal structure comprising A-plane, C-plane, or R-plane, (6H, 4H, 3C) GaN.

This is a <u>provisional</u> obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fazli Erdem whose telephone number is (571) 272-1914. The examiner can normally be reached on M - F 8:00 - 5:00.

Application/Control Number: 09/936,683

Page 3

Art Unit: 2826

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

FE August 6, 2004

SUPERVISORY PATENT EXAMPLES
TECHNOLOGY CENTER 2800